

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2003/001567

A. CLASSIFICATION OF SUBJECT MATTER												
Int. Cl. ⁷ : G01L 9/12, 19/04												
According to International Patent Classification (IPC) or to both national classification and IPC												
B. FIELDS SEARCHED												
Minimum documentation searched (classification system followed by classification symbols)												
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched												
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI, JAPIO: pressure, capacitor, equalise, membrane, chamber and similar terms USPTO: US Cl 73/708 and (73/718 or 73/724)												
C. DOCUMENTS CONSIDERED TO BE RELEVANT												
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
X	JP 7-306107 A (YAZAKI CORP) 21 November 1995 See machine translation from the Internet [2004-02-25] from URL: www4.ipdl.jpo.go.jp/cgi-bin/tran_web CGI_ejje, see paragraphs 24, 28, 51-58, figure 1	1-5										
X	US 4507972 A (MORITA) 2 April 1985 Column 4, lines 36-53, figures 1-9	1, 2, 5										
X	US 4357834 A (KIMURA) 9 November 1982 Column 2 lines 23-58, figure 1	1, 2, 5										
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex												
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E" earlier application or patent but published on or after the international filing date</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed	
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family											
"P" document published prior to the international filing date but later than the priority date claimed												
Date of the actual completion of the international search 27 February 2004		Date of mailing of the international search report - 3 MAR 2004										
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer GREG POWELL Telephone No : (02) 6283 2308										

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2156998 A (HEWLETT-PACKARD COMPANY) 16 October 1985 Abstract, figures	
A	US 6578427 A (HEGNER) 17 June 2003 Abstract, figures (& EP 1061351 A)	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2003/001567

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
JP	7-306107	NONE					
US	4507972	JP	57-033334				
US	4357834	NONE					
GB	2156998	DE	3510042	FR	2561514	JP	60-203234
		US	4572204				
US	6578427	CA	2311569	EP	1061351	JP	2001-021430
END OF ANNEX							